

FIG. 1

Prior Art

DVD-Video

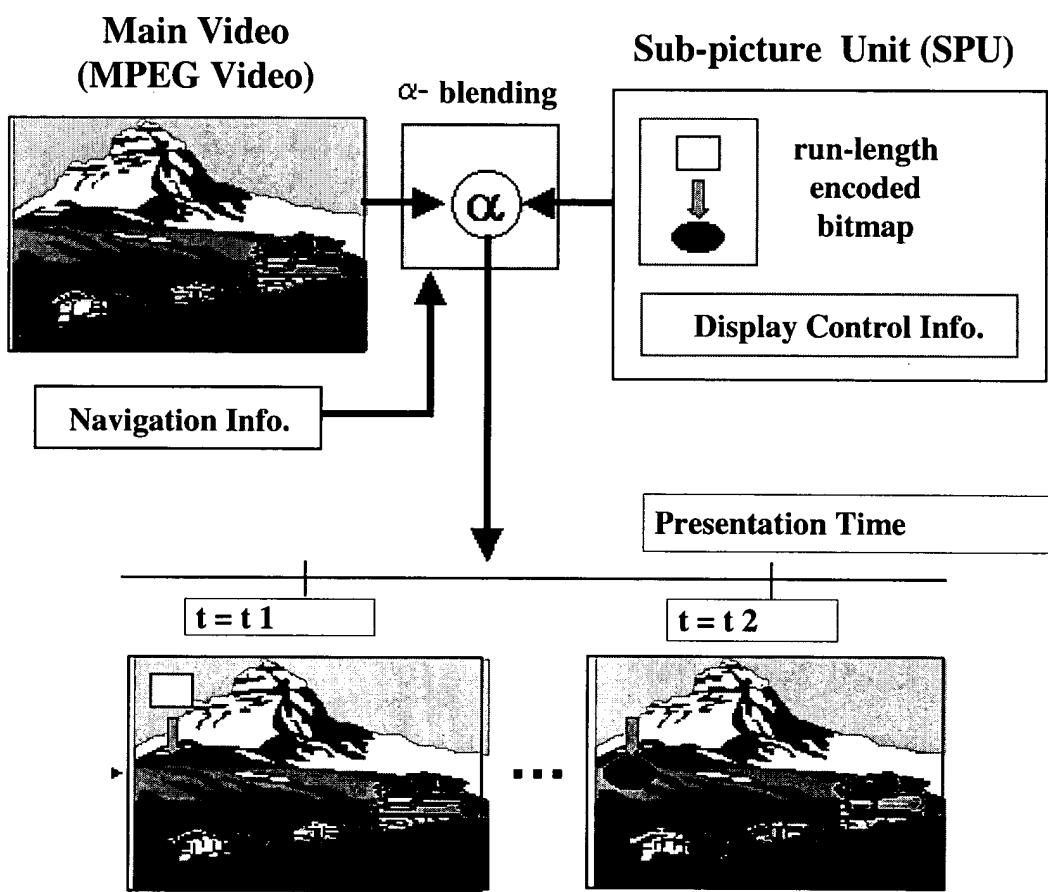


FIG. 2
Prior Art

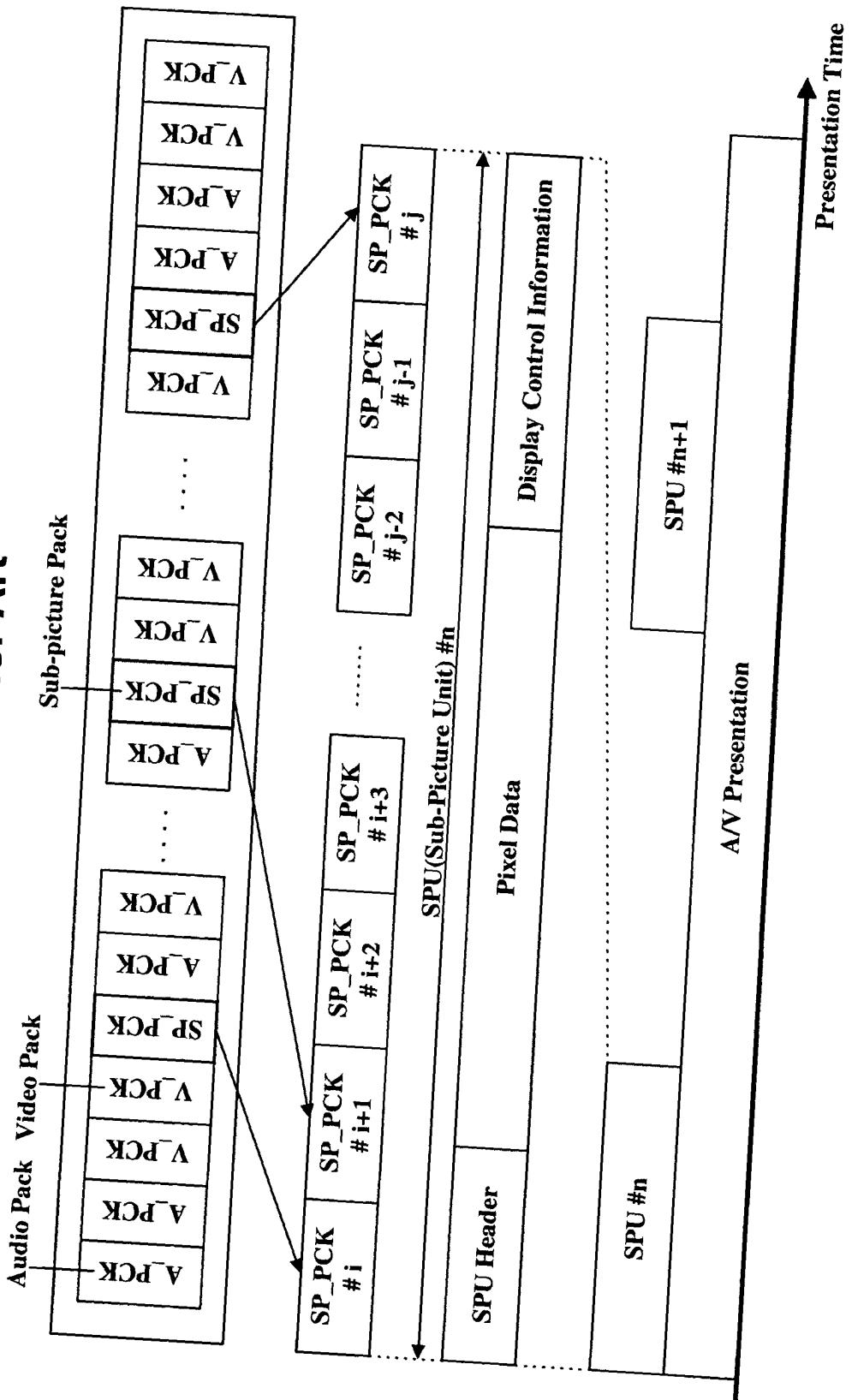


FIG. 3

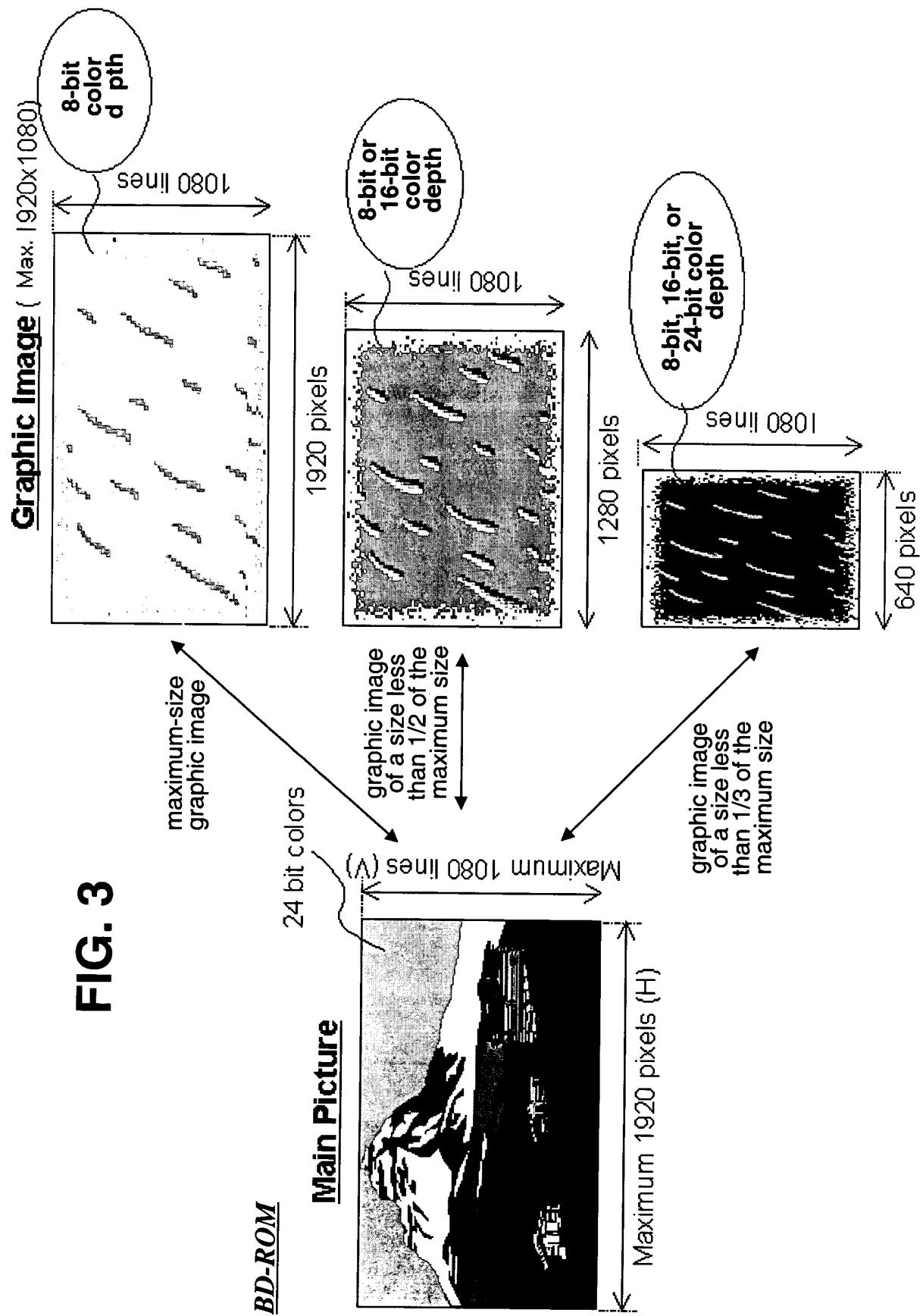
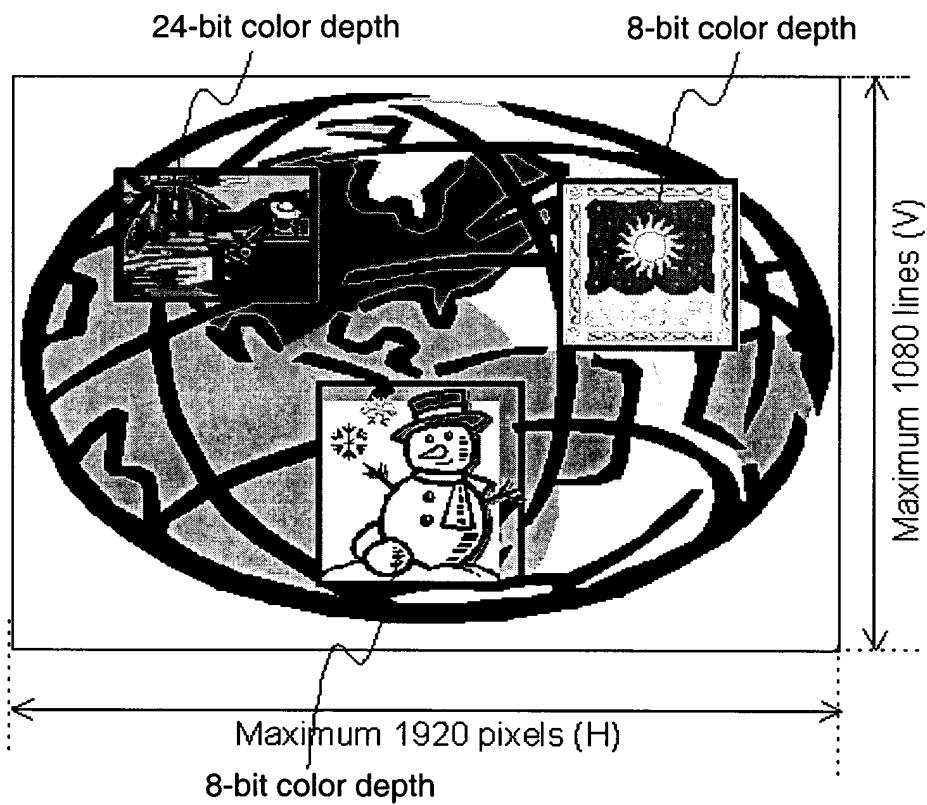


FIG. 4

BD-ROM



5
FIG.

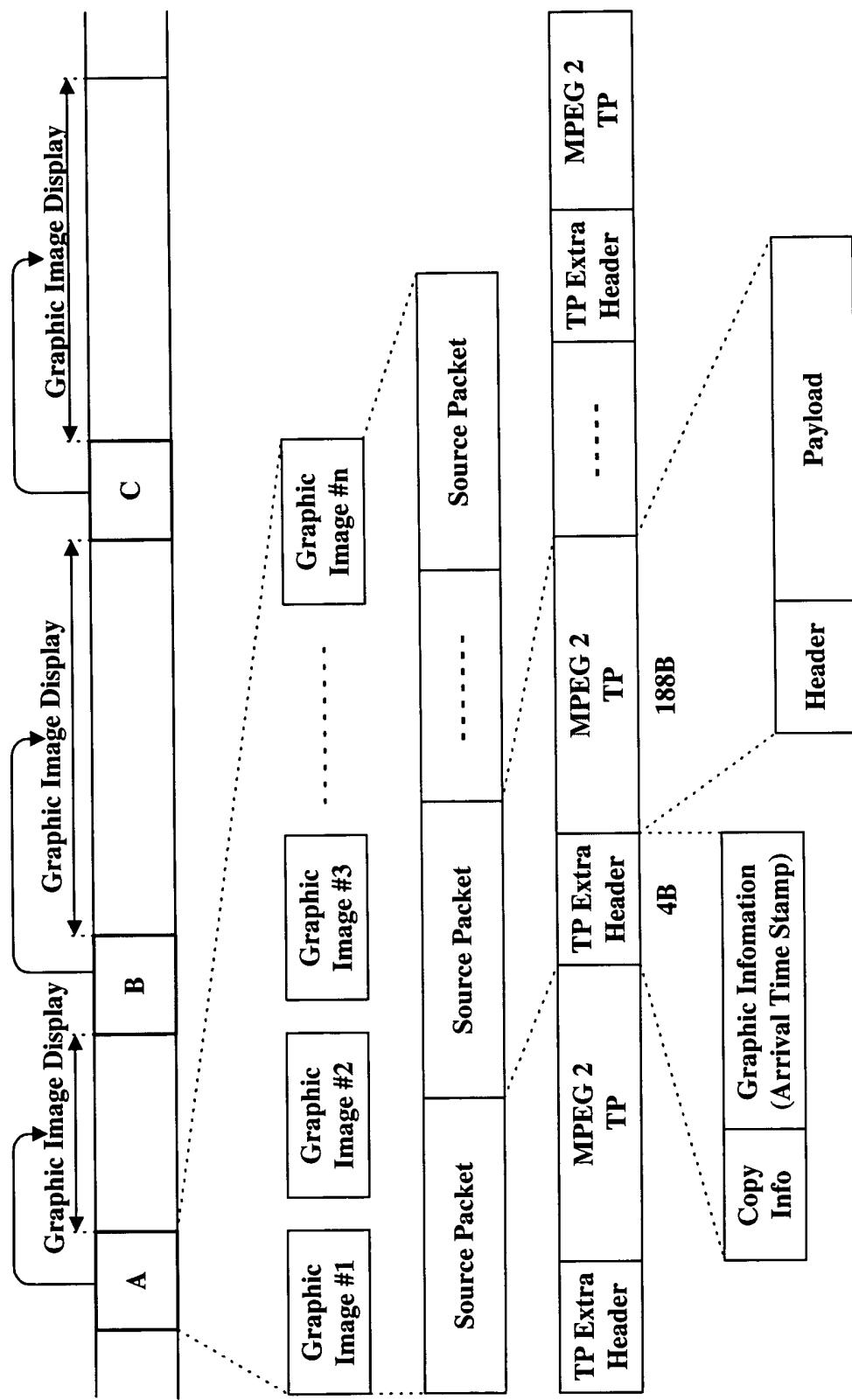


FIG. 6

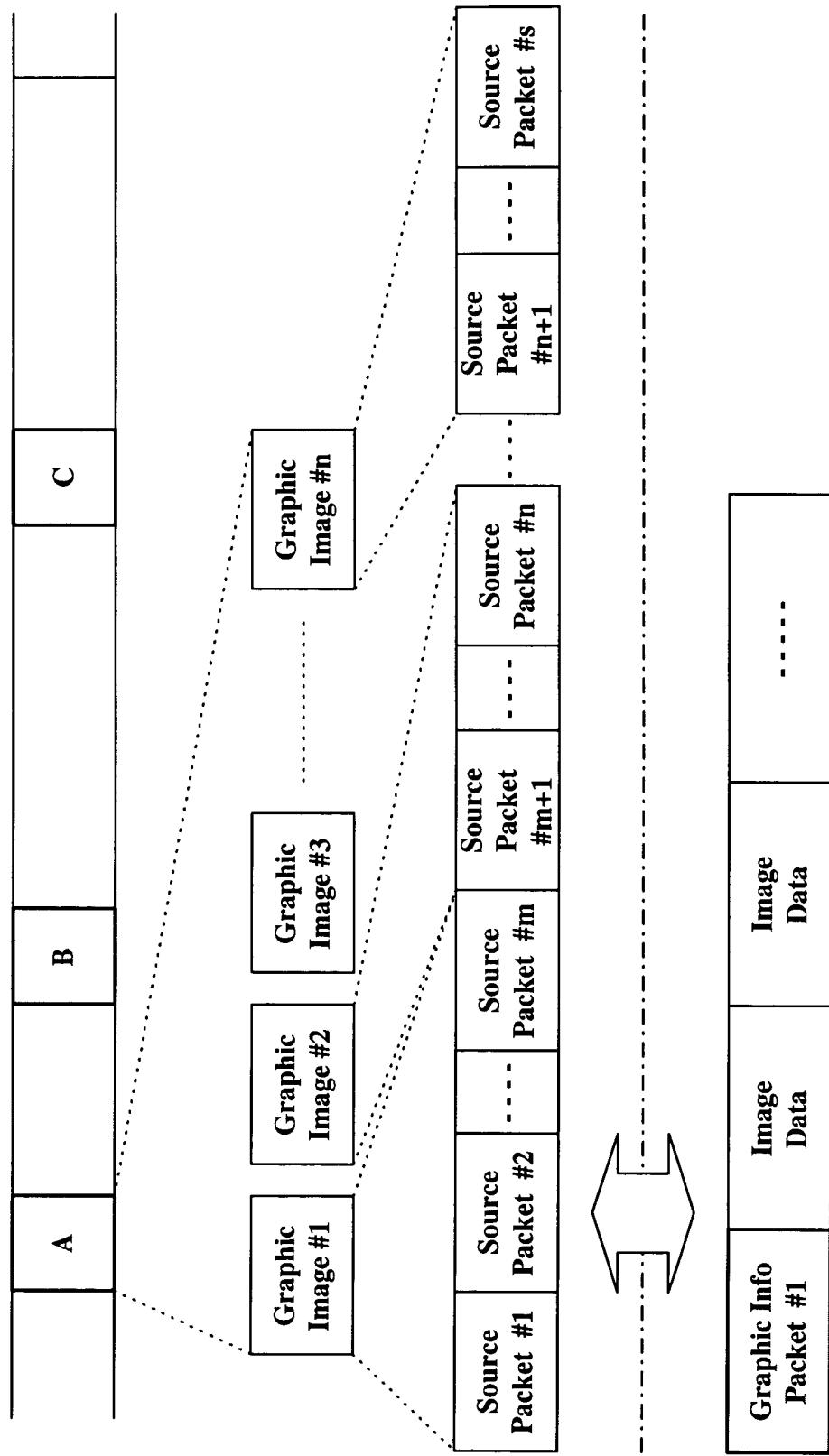


FIG. 7

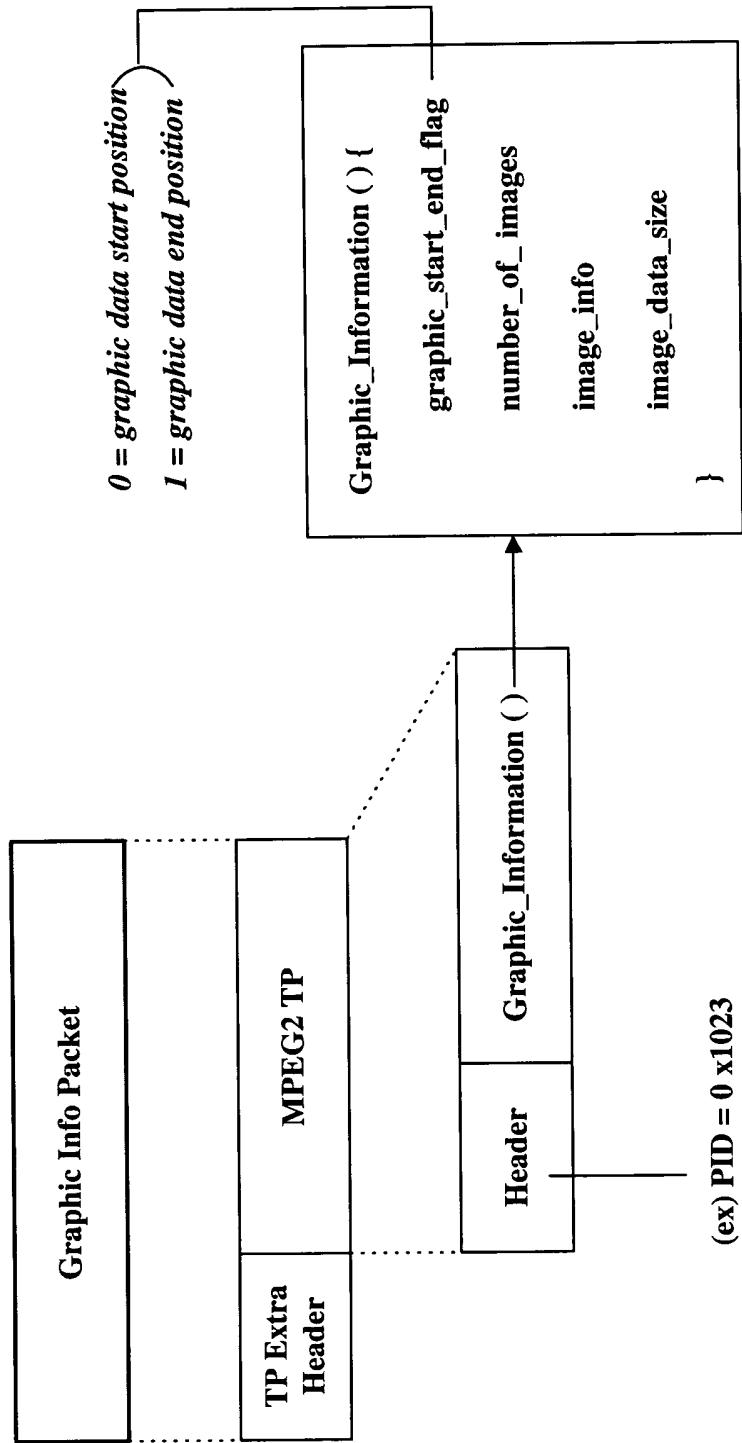


FIG. 8

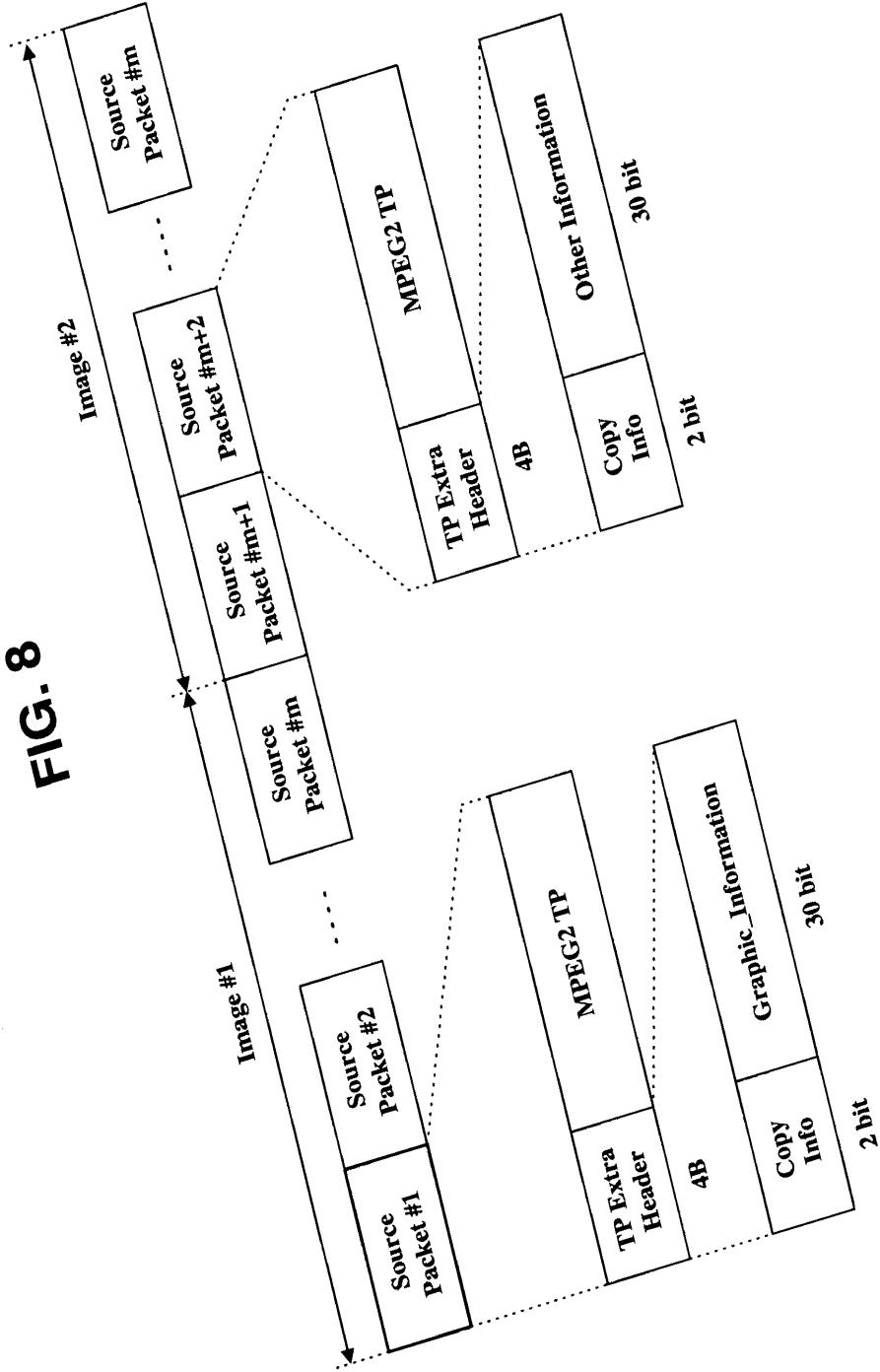


FIG. 9

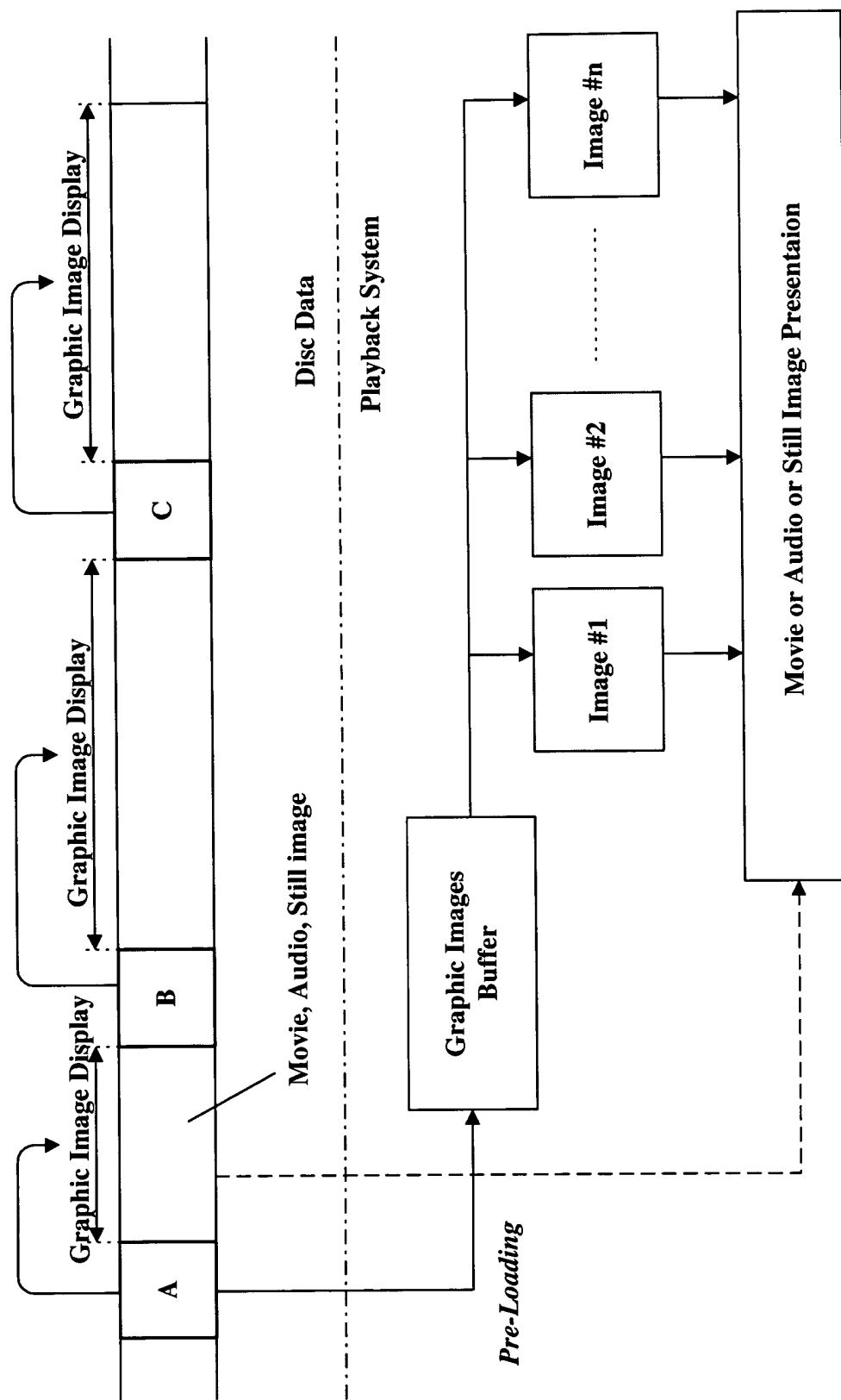
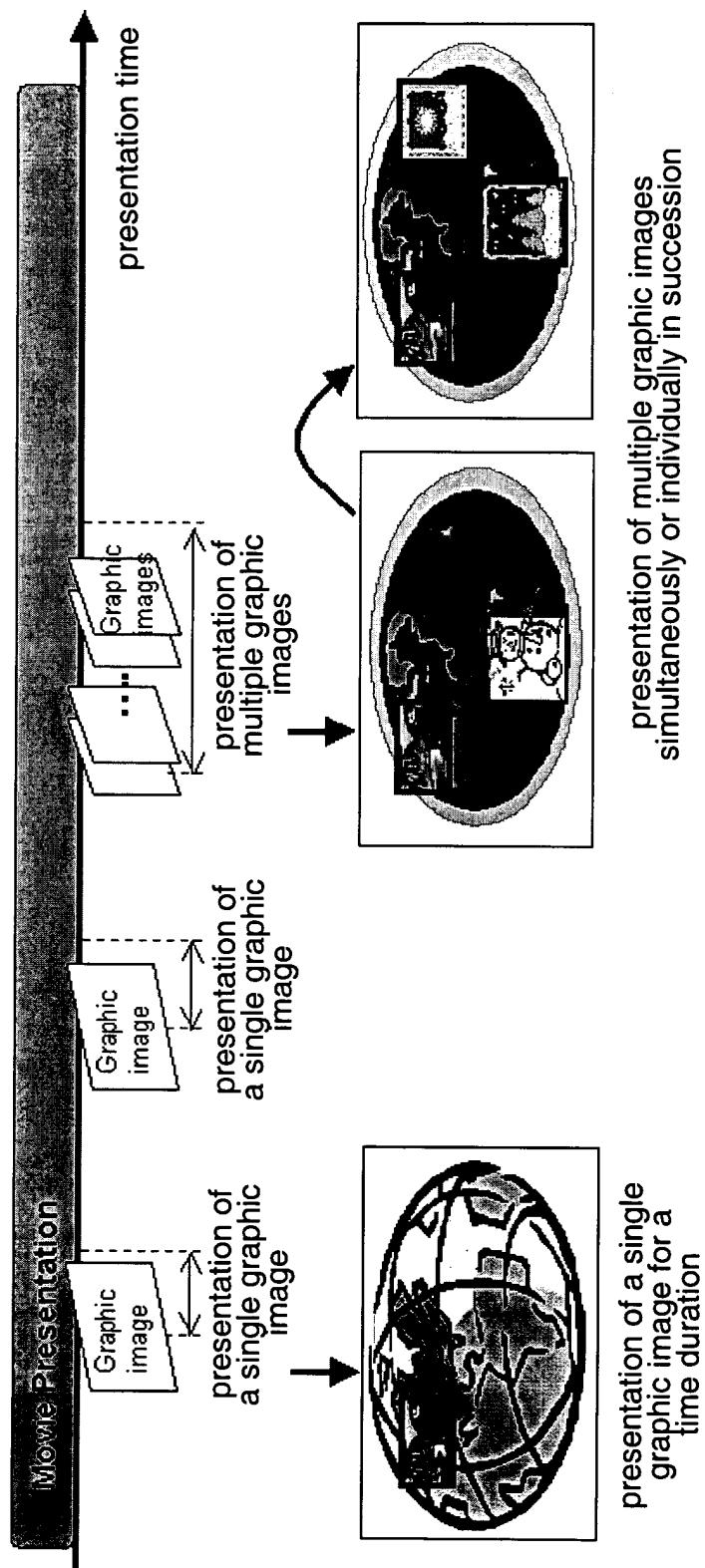


FIG. 10

Playback of Movie



Audio Presentation

FIG. 11

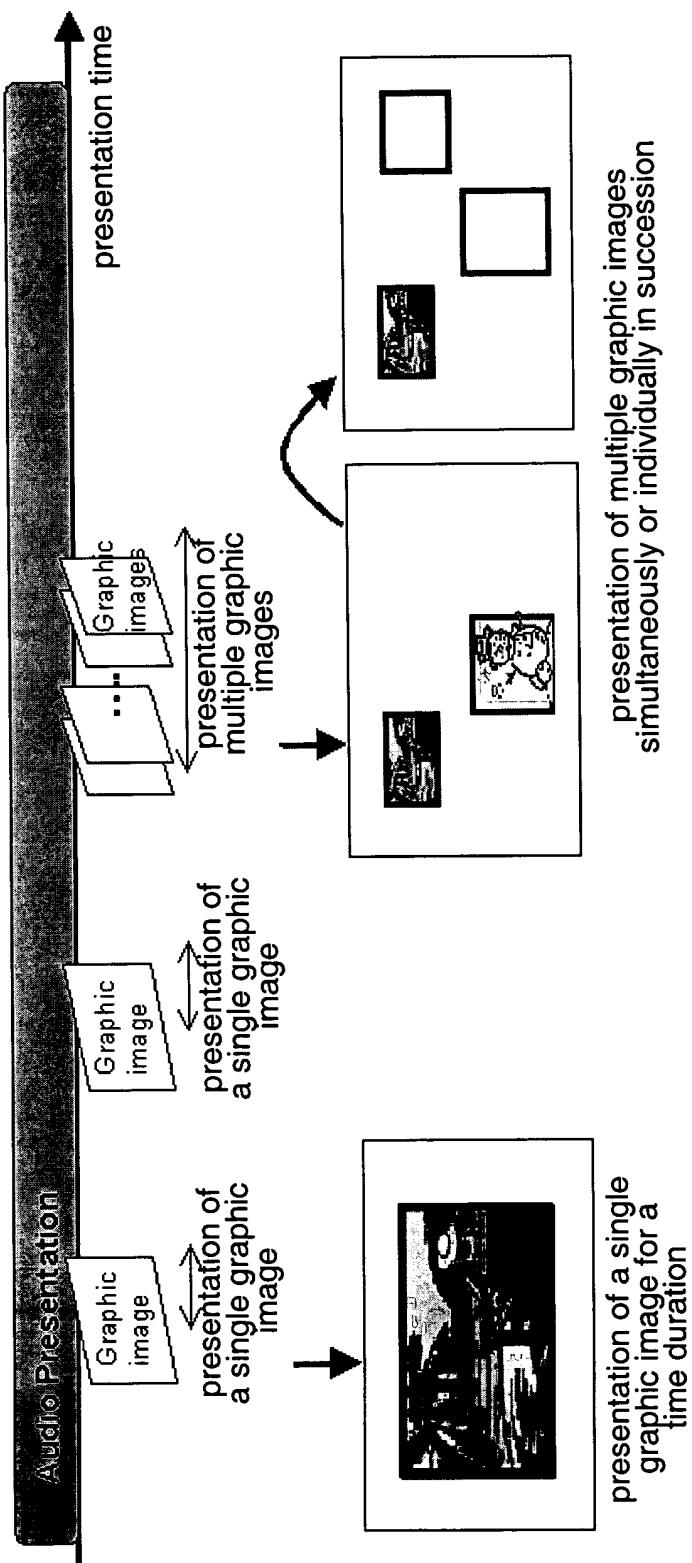
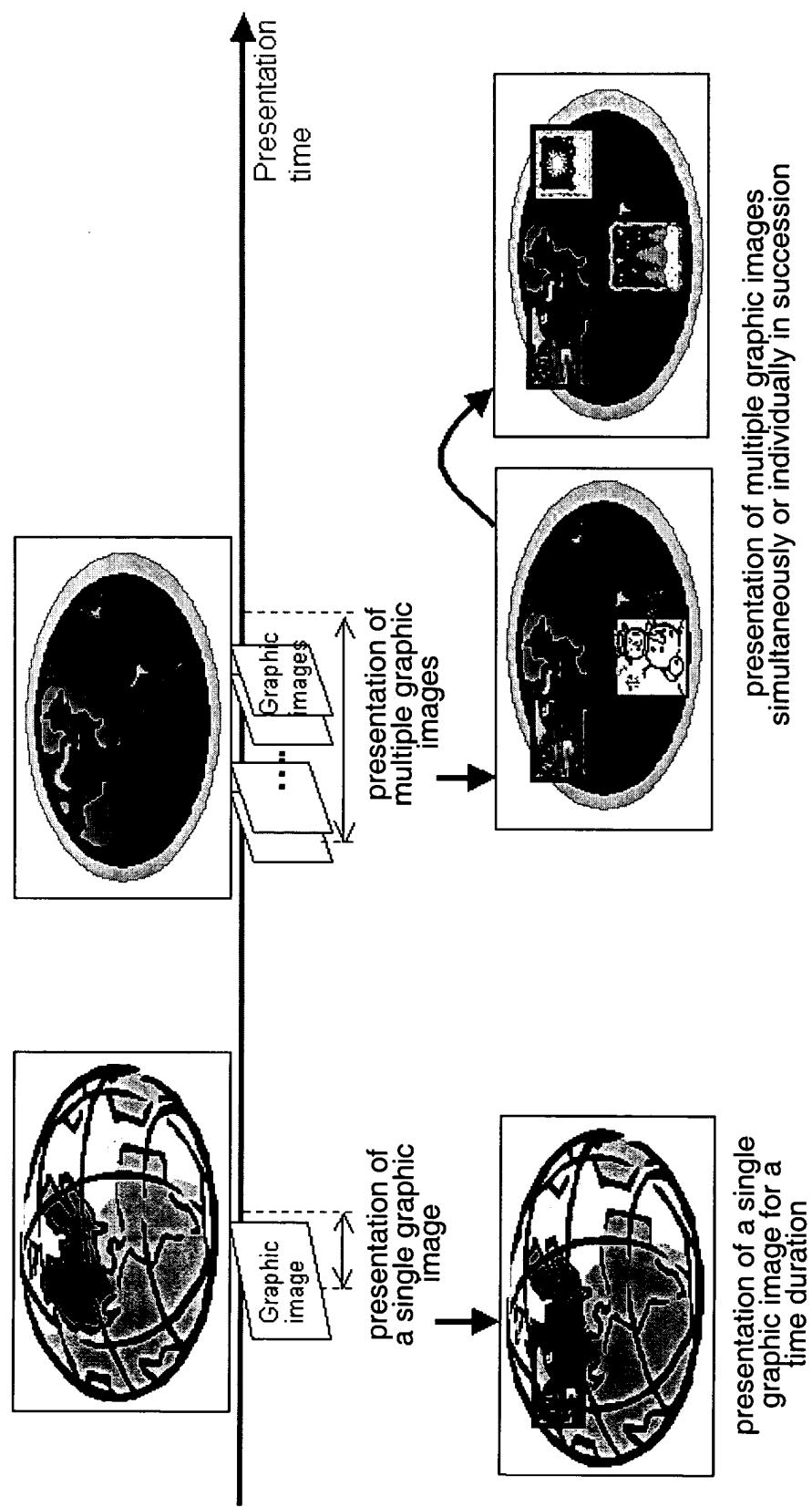


FIG. 12
Still Image Display



Audio Presentation

FIG. 13

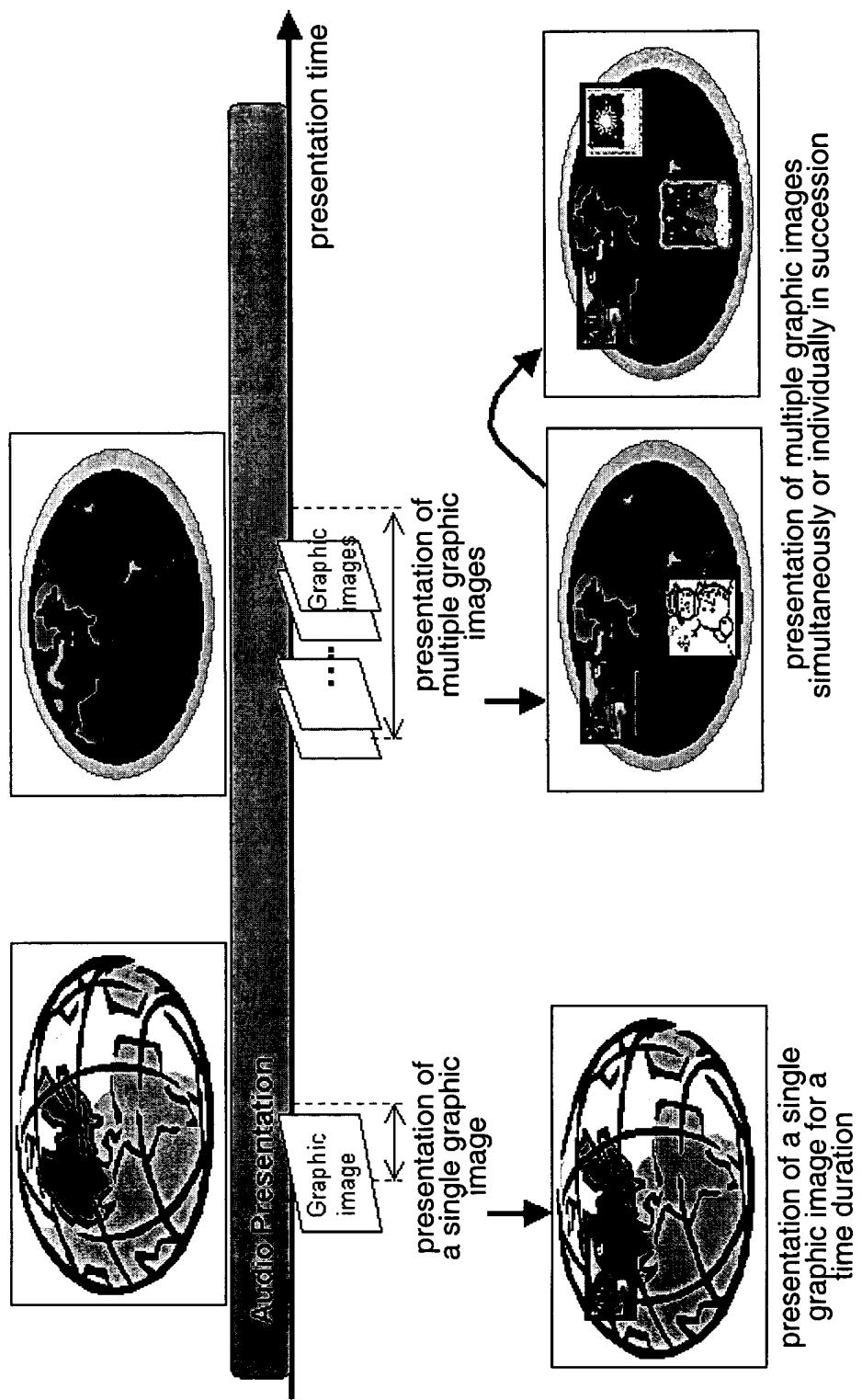


FIG. 14

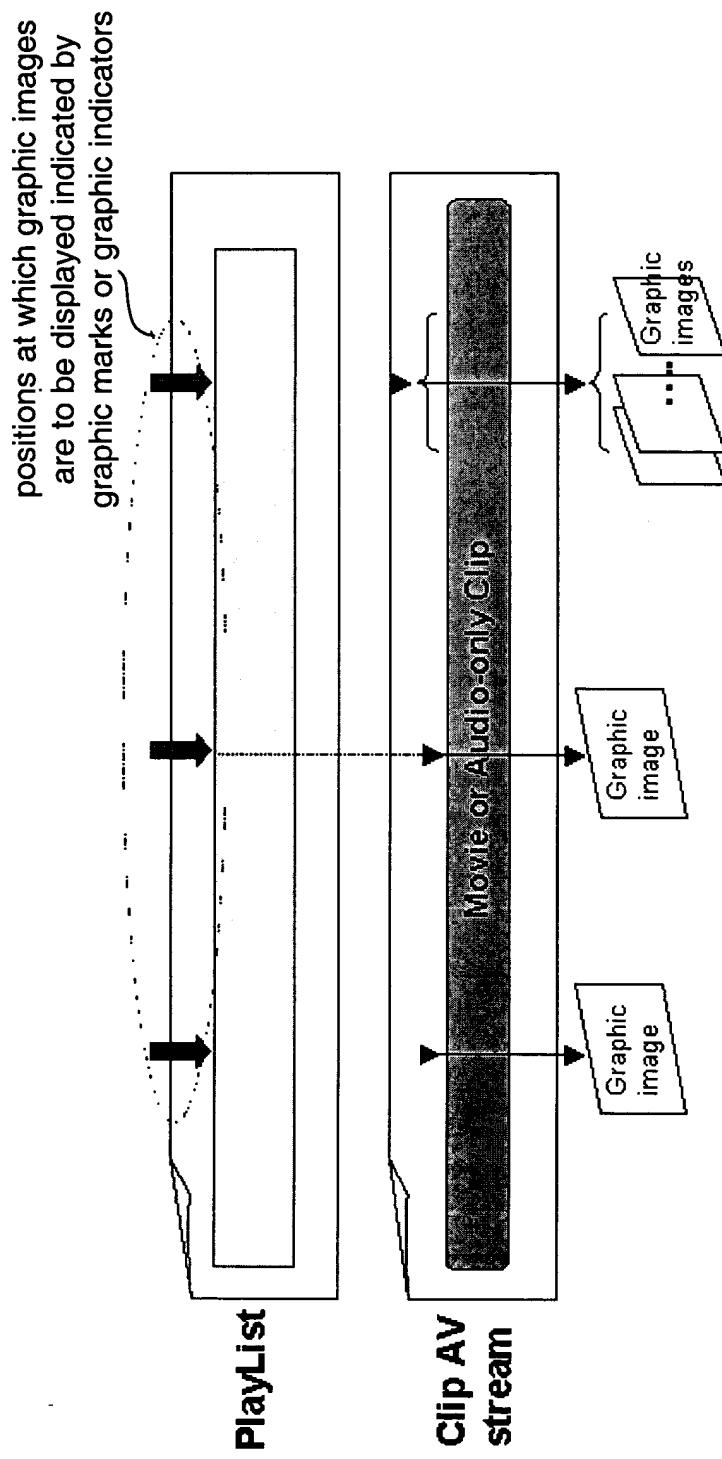


FIG. 15

```
PlayListMark() {
    length
    number_of_PlayList_marks
    for (i=0; i<number_of_PlayList_marks; i++) {
        ....
        mark_type
        ....
        mark_time_stamp
        if (mark_type==0x01 || mark_type==0x02)
            ref_to_menu_thumbnail_index
        else if (mark_type > 0x02 && mark_type < 0x06)
            ref_to_mark_thumbnail_index
        else
            ref_to_graphic_start_index
        duration
        makers_information
        mark_name
    }
    if (mark_type == 0x13) {
        number_of_graphic_images
        for (i=0; i<number_of_graphic_images; i++) {
            ref_to_graphic_image_index
            display_timing_info
            display_info
            display_effect
        }
    }
}
```

FIG. 16

```
PlayList_File() {  
    ....  
    version_number  
    ....  
    PlayList()  
    PlayListMark()  
    MakersPrivateData()  
    PlayListGraphicIndicator()  
}
```

```
→ PlayListGraphicIndicator() {  
    length  
    number_of_Graphic_Display_positions  
    for (id=0; id<number_of_Graphic_Display_positions; id++) {  
        ....  
        graphic_display_start_time_stamp  
        duration  
        number_of_graphic_images  
        for (i=0; i<number_of_graphic_images; i++) {  
            ref_to_graphic_image_index  
            display_timing_info  
            display_info  
            display_effect  
        }  
    }  
}
```

FIG. 17

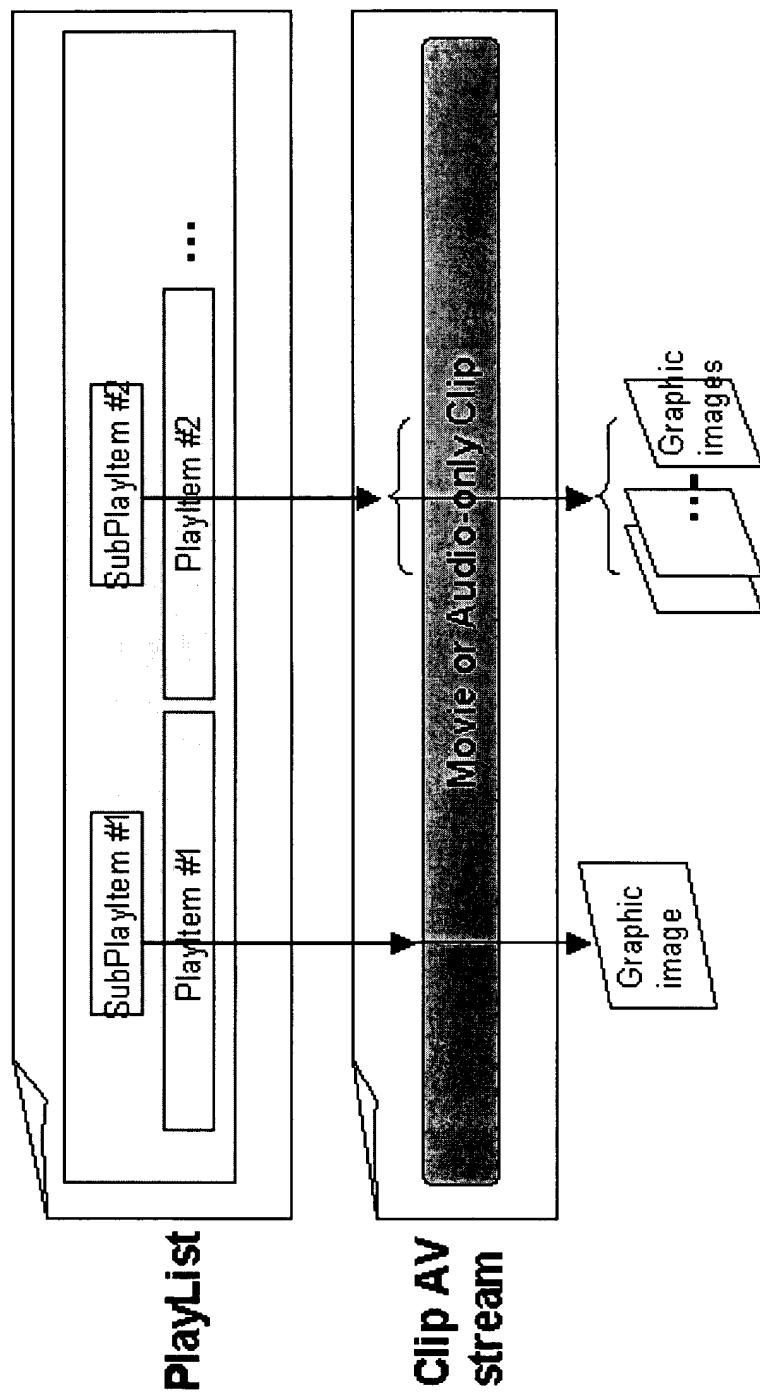


FIG. 18

```
SubPlayItem0 {
    length
    Clip_Information_file_name
    Clip_codec_identifier
    SubPlayItem_type
    ref_to_STC_id
    SubPlayItem_IN_time
    SubPlayItem_OUT_time
    Sync_PlayItem_id
    Sync_start PTS_of_PlayItem
    if (<Graphic-Image>) {
        number_of_graphic_images
        for (i=0; i<number_of_graphic_images; i++) {
            ref_to_graphic_image_index
            display_timing_info
            display_info
            display_effect
        }
    }
}
```

FIG. 19

```
Still_Image_Info 0 {
    ....
    Graphic_Display_Info ()
    ....
}

Graphic_Display_Info() {
    length
    number_of_graphic_images
    for (i=0; i<number_of_graphic_images; i++) {
        ref_to_graphic_image_index
        display_timing_info
        display_info
        display_effect
    }
}
```

FIG. 20

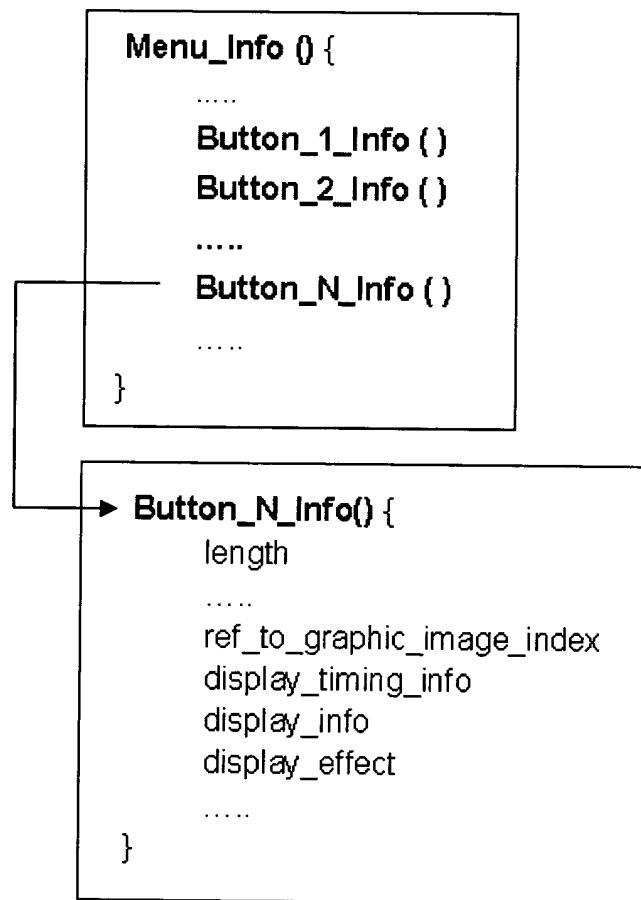


FIG. 21

